

FIG. 1
PRIOR ART

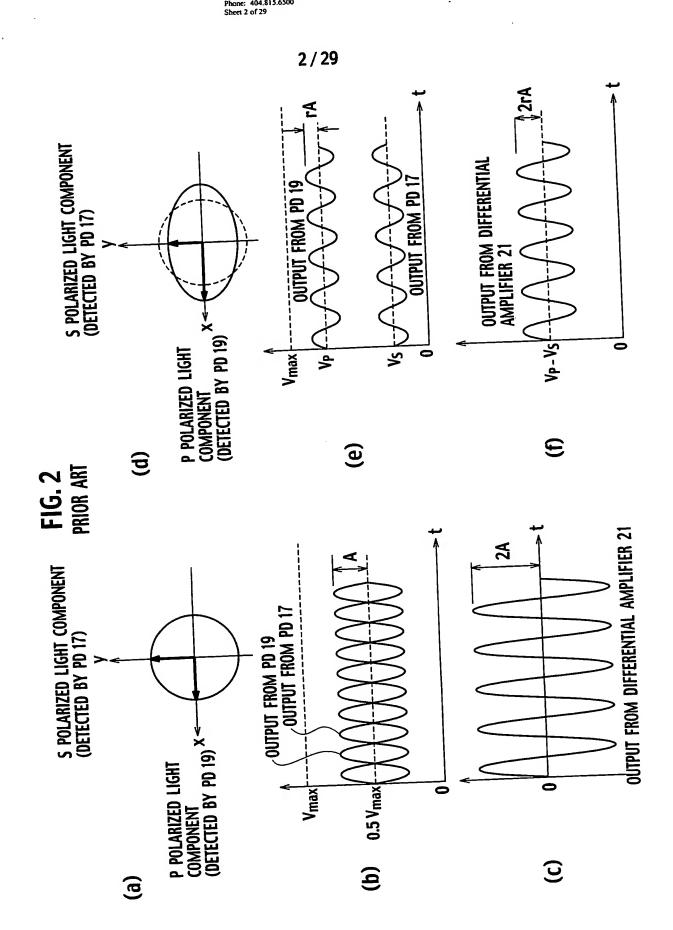


FIG. 3 PRIOR ART

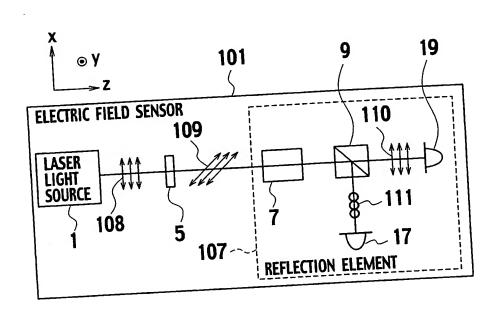


FIG. 4
PRIOR ART

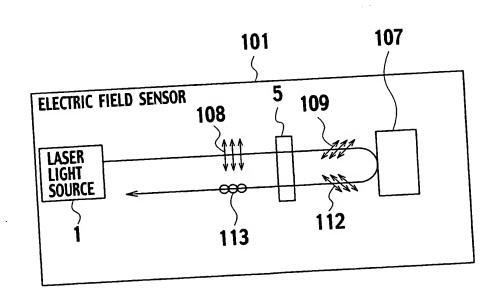
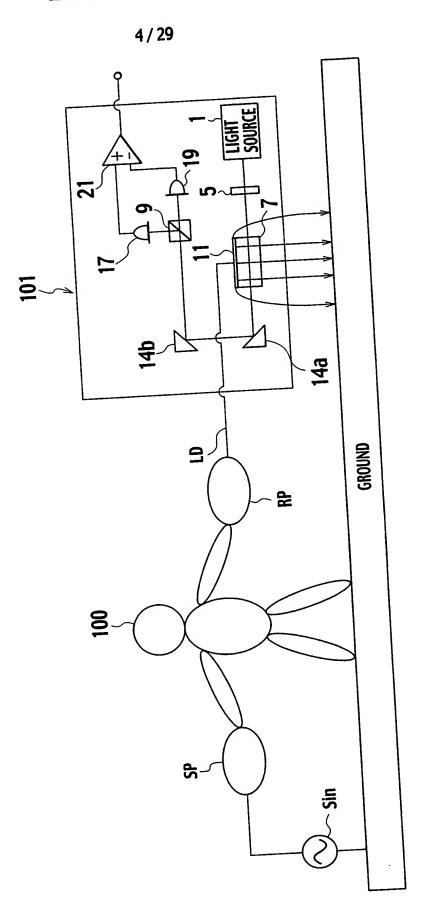


FIG. 5 PRIOR ART



Inventors. Alichirou SASAKI et al
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Attorney Docket: 44471/313606
Attorney of Record: Brenda O. Holmes
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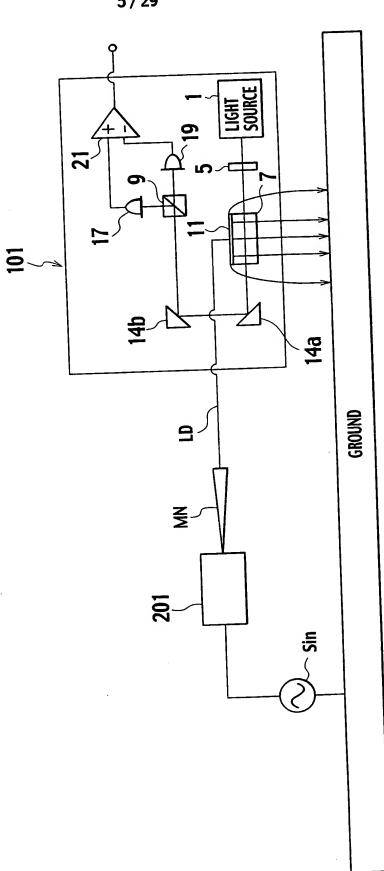
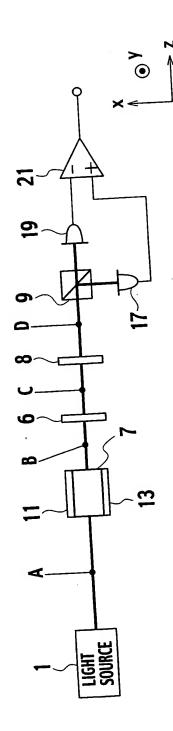
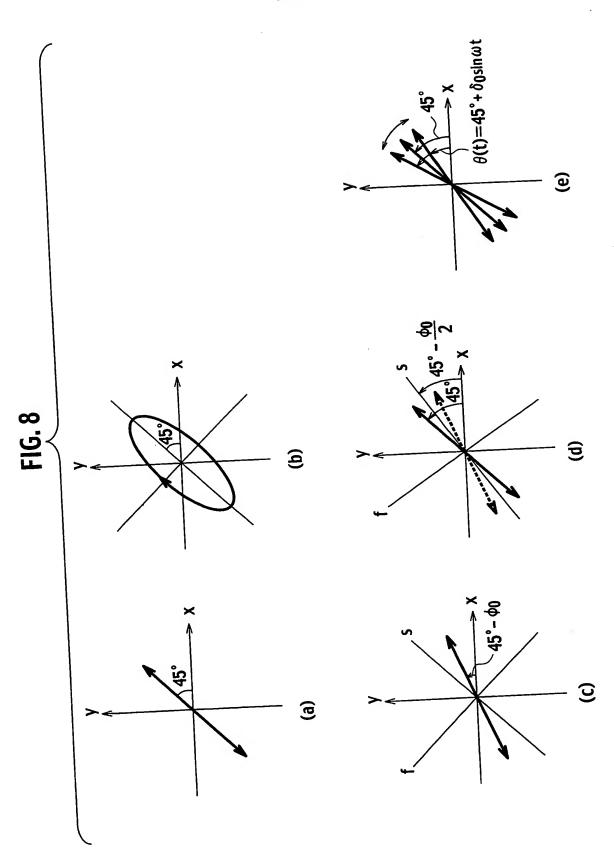


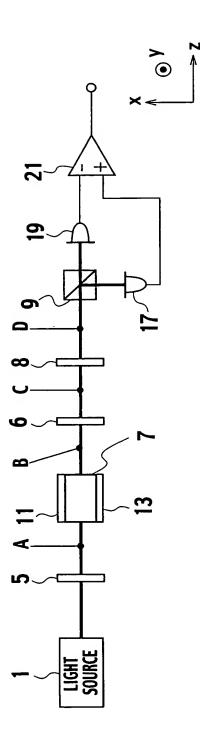
FIG. 6 Prior art



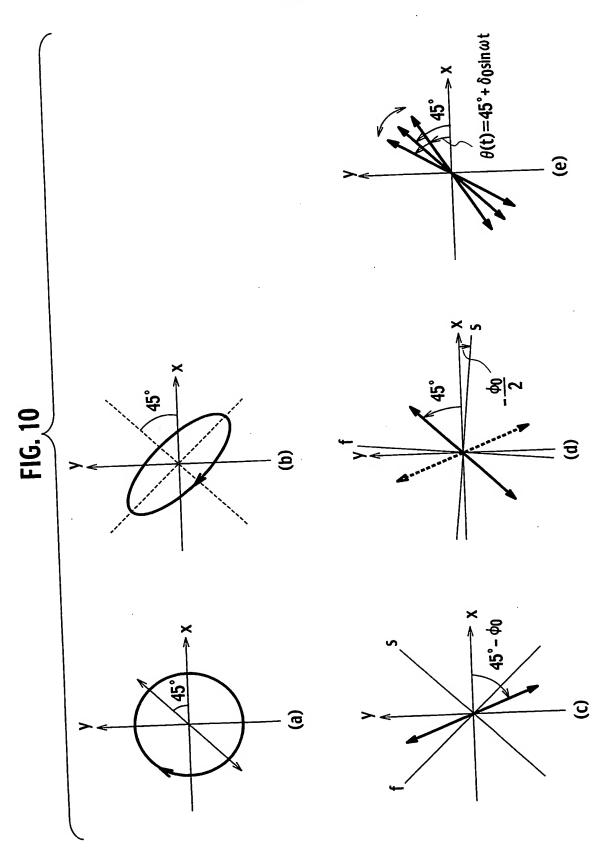
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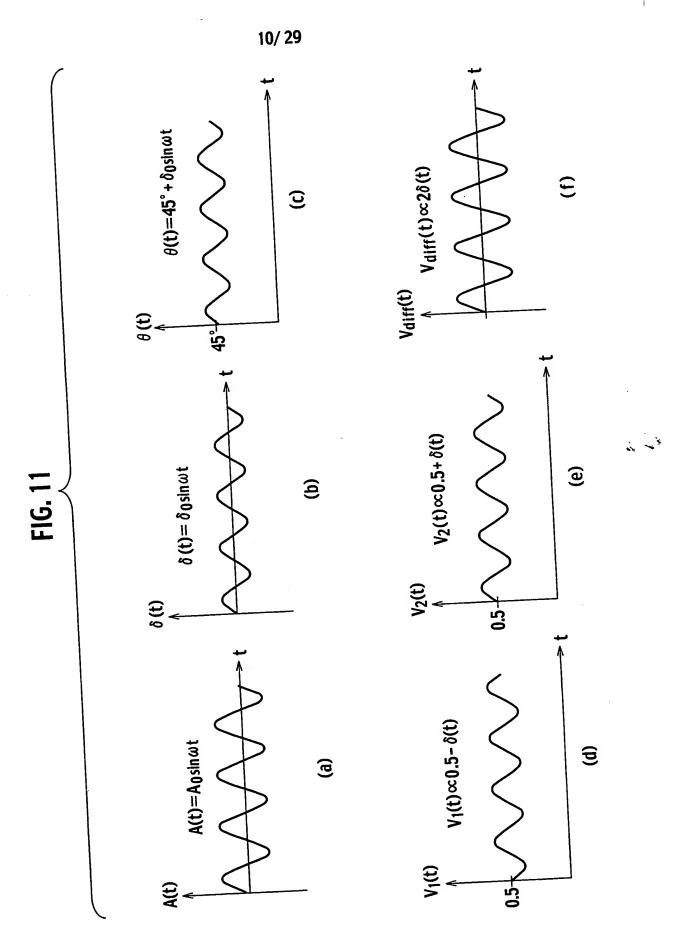
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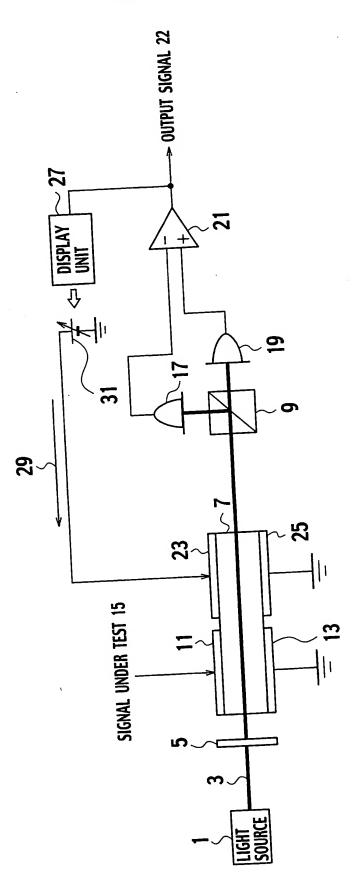
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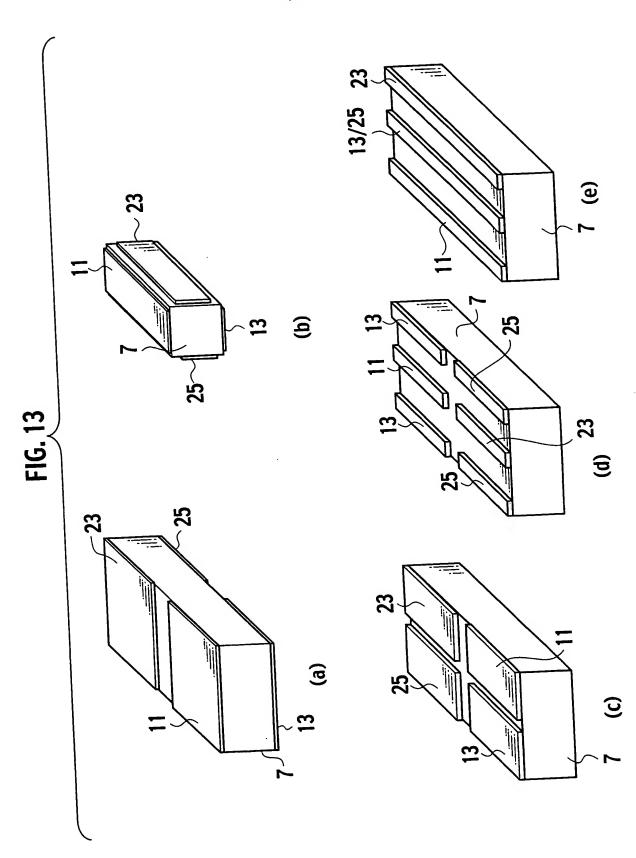
Inventors. Auchrou SASAKI et al Filed: March 14, 2005 Tille: Electric Field Sensor and Method of Adjusting the Same Attorney Docket: 44471/313606 Attorney of Record: Brenda O. Holmes Phone: 404.815.6500 Sheet 10 of 29



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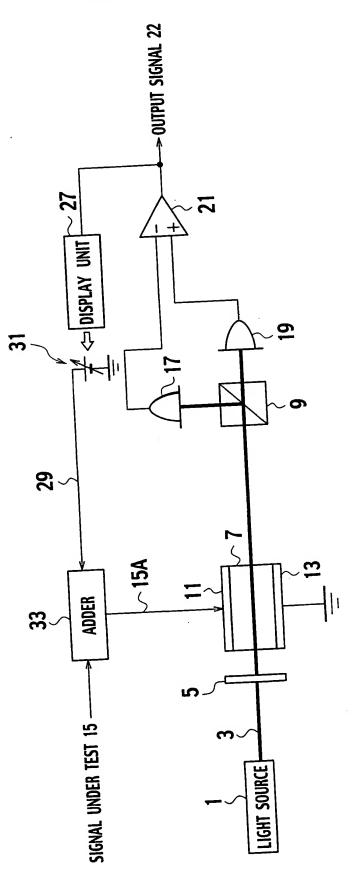
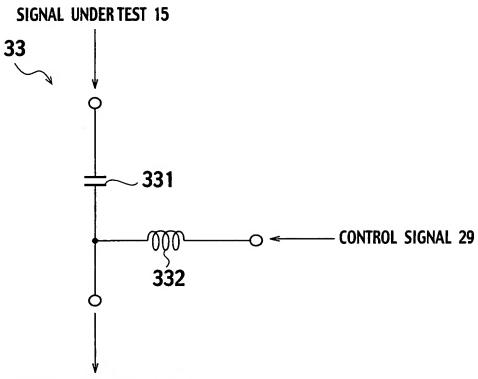
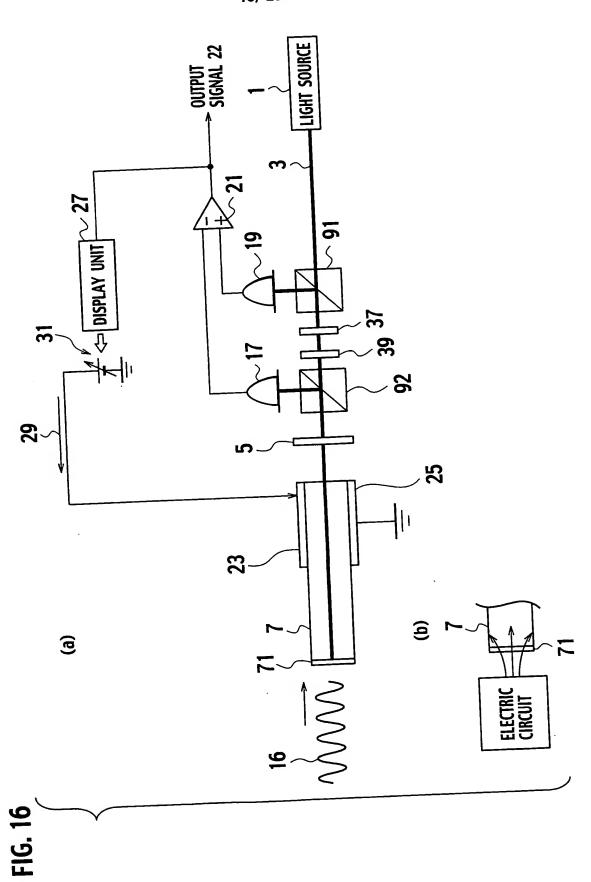


FIG. 15



SIGNAL UNDER TEST 15A AFTER ADDITION TO CONTROL SIGNAL 29 (TO EO CRYSTAL 7)

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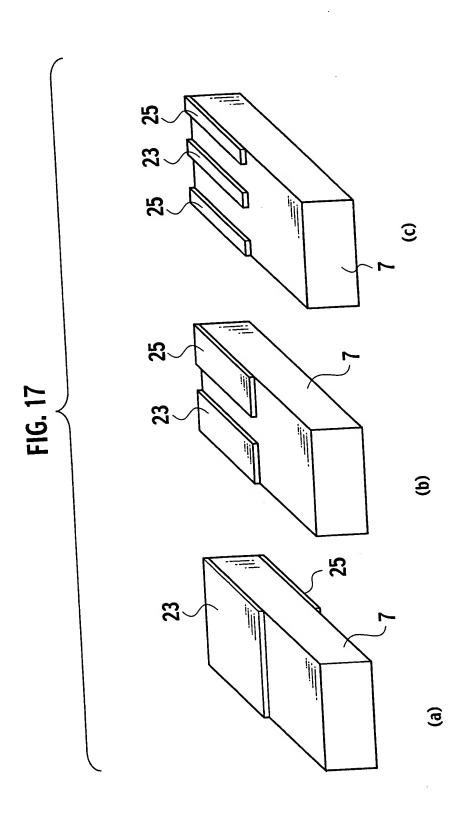
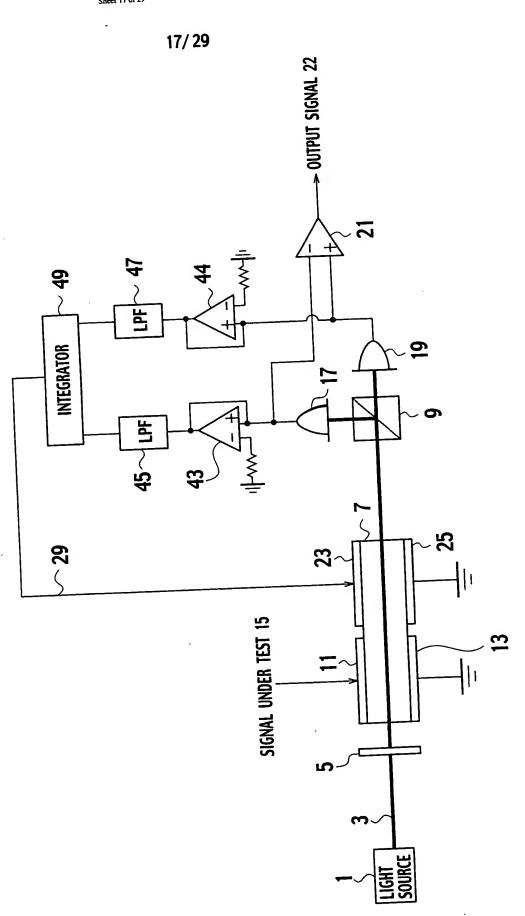
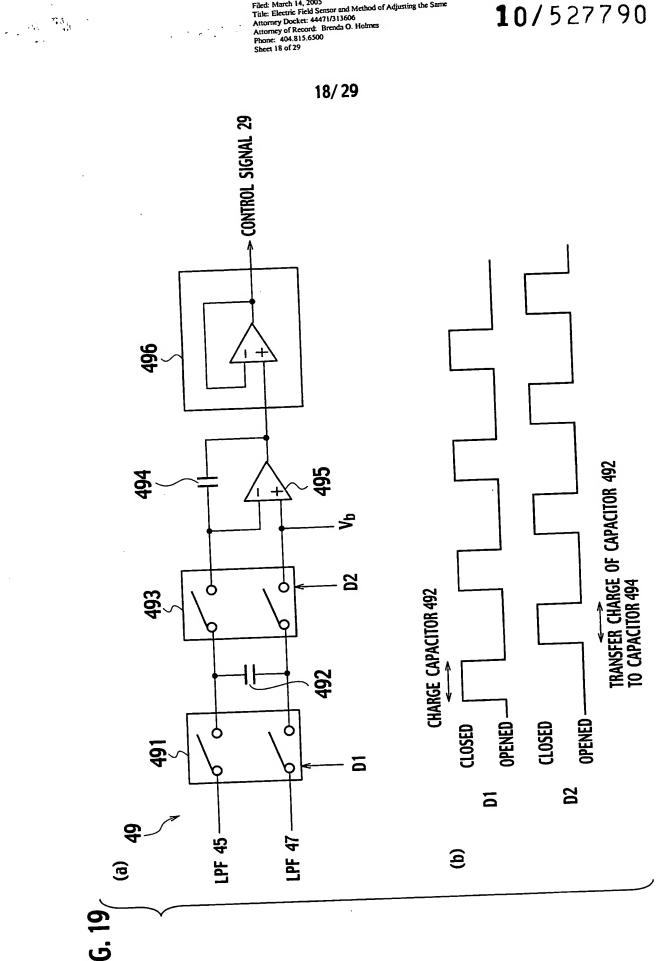
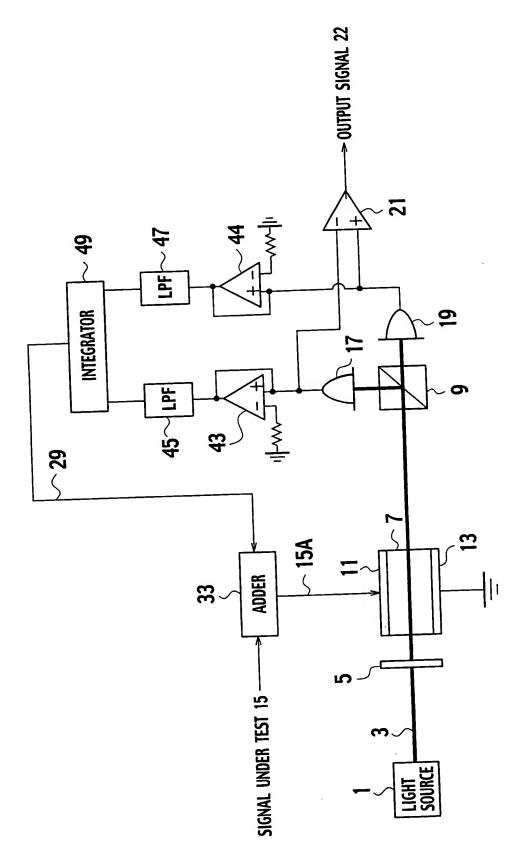


FIG. 18





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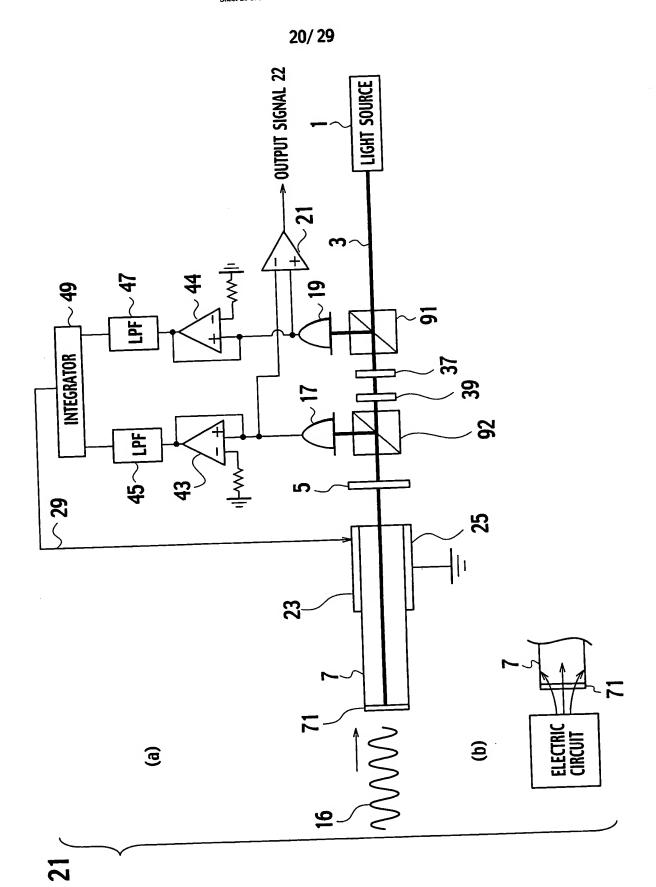


FIG. 22

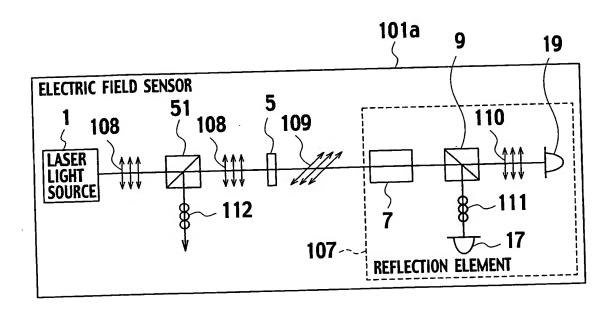
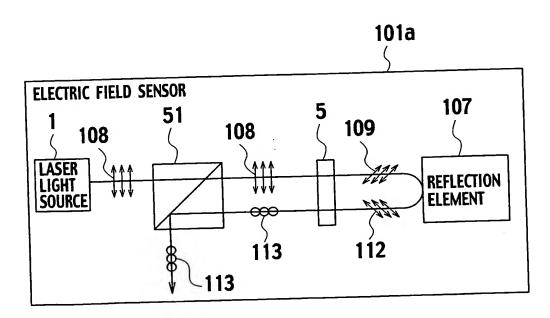


FIG. 23



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FIG. 24

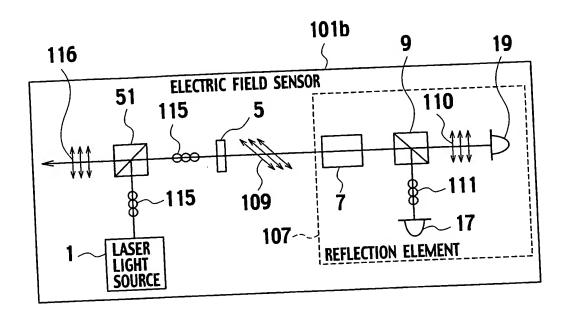
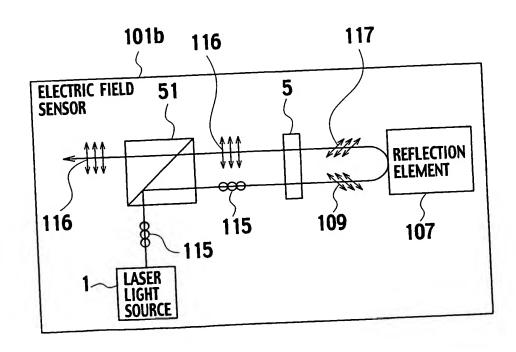


FIG. 25



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FIG. 26

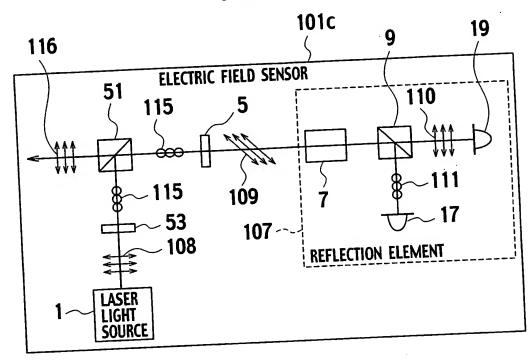
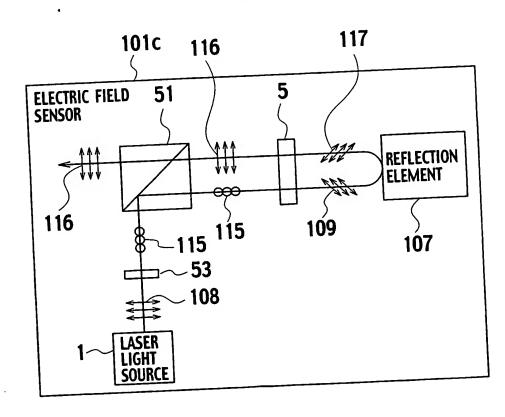


FIG. 27



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FIG. 28

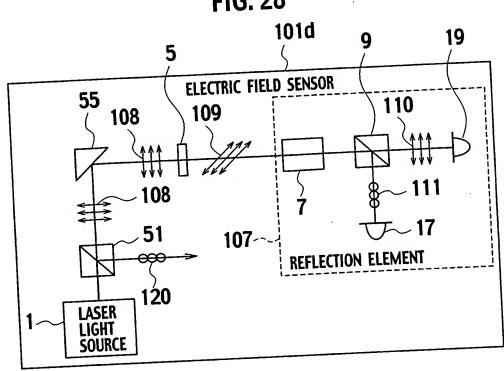


FIG. 29

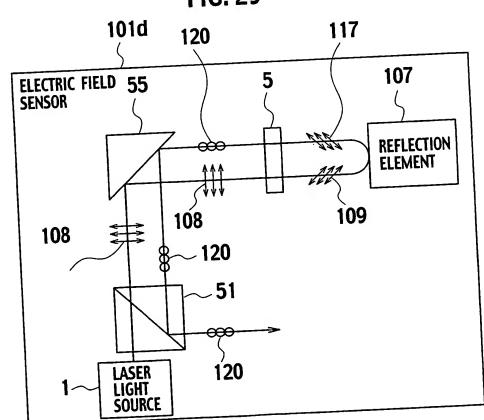
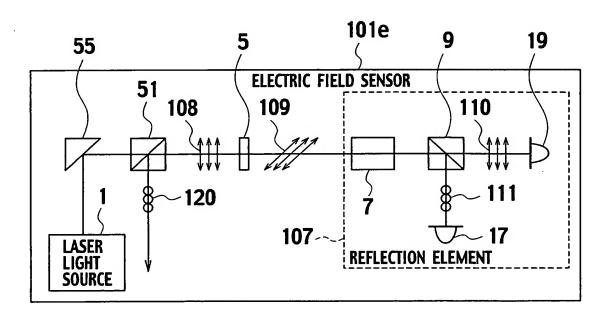
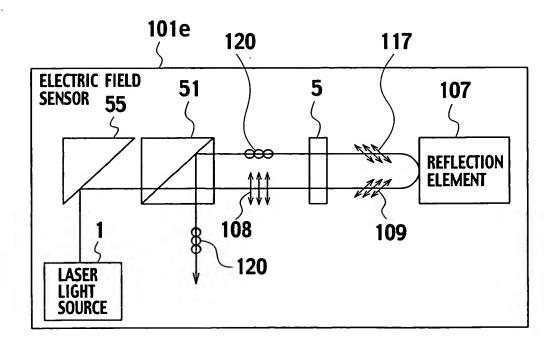


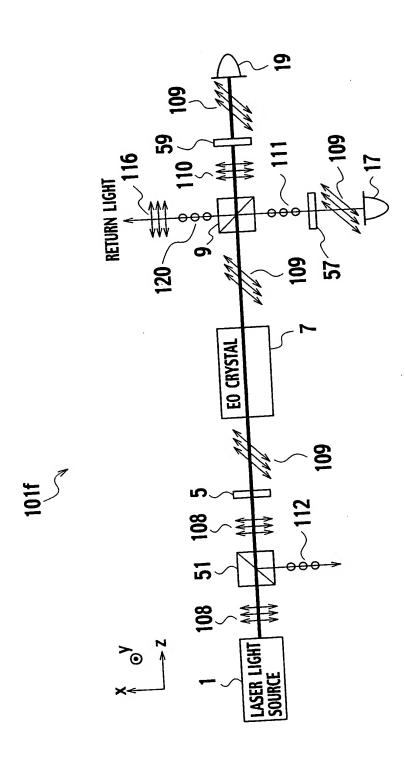
FIG. 30



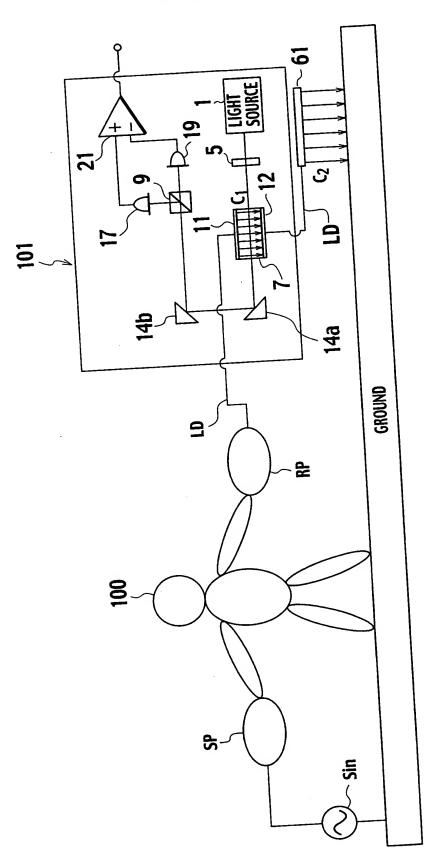
**FIG. 31** 



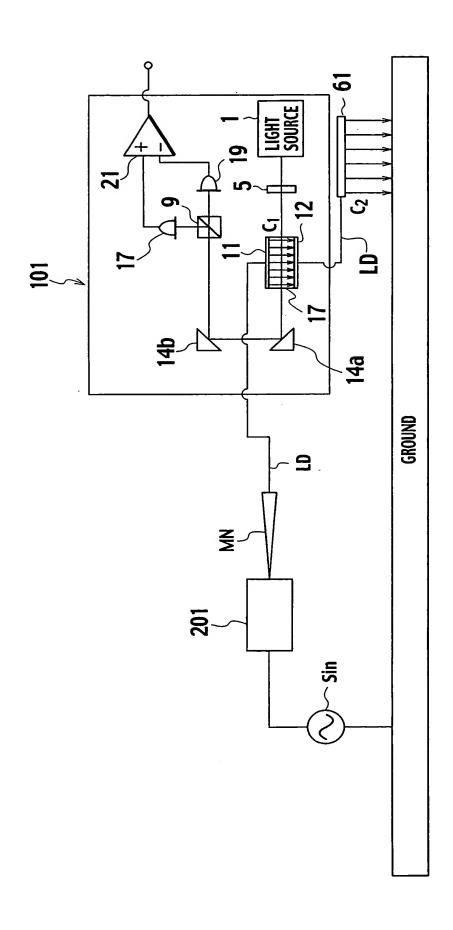
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FIG. 35

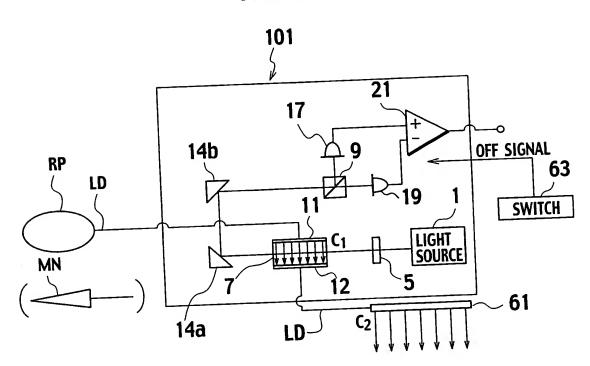


FIG. 36 101 21 14b ON SIGNAL RP 63 LD 19 **SWITCH** LIGHT SOURCE 61 ΜN 12  $C_2$ 14a LD-